

TERMINAL EQUIPMENT FOR BIDIRECTIONAL RADIO LINK**ABSTRACT**

5 According to the invention, the frequency bandwidth used globally for transmission and reception in a bi-directional radio relay link with two simultaneous broadcasts and receptions may be reduced by half, whereby each terminal device (TA) comprises a first broadcaster (EA1), broadcasting a first data signal (SI) by means of a first antenna (AA1) in a first used frequency band (BF1) identical to that in which a first receiver (RA1) receives a second data signal (S2) by means of a second antenna (AA2) and a second receiver (RA2) receives a third data signal (S3) with a second used frequency band (BF2) by means of the first antenna (AA1) and a second broadcaster (EA2) broadcasts a fourth data signal (S4) with the second used frequency band (BF2) by means of a second antenna (AA2).

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